Inspection Results (IRR)

Generated on 2017.October.04 10:10

Unit Pasco (141)

	Ro	Asset	Res	Grou	_			Question
	w	S	ult	р	#	Question ID	References	Text
		Unit P asco				O	195.505 (195.452(b)(5);195.452(f)(8);195.555)	From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?
-		Unit P asco				P	195.505 (195.452(f)(8);195.555)	Does the process require that operator/v endor personnel (including supervisors) who review and evaluate ECDA assessmen t results meet appropriate training, experience , and qualificatio n criteria?
		Unit P asco	NA	AR.EC	3.	AR.EC.ECDAREVQUAL.	195.507 (195.452(I)(1);195.555)	Do the records indicate that operator/v endor personnel, including supervisors , who conduct

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							ECDA assessmen ts or review and analyze assessmen t results are qualified for the tasks they perform?
4.	Unit P asco	NA	AR.EC	4.	AR.EC.ECDAPLAN.P	195.588(b)(1) (195.588(b)(2) - (5);195.452(f)(5);195.452(j)(5)(iii))	Is there a process in place for conducting ECDA?
5.	Unit P asco	NA	AR.EC	5.	AR.EC.ECDAPREASSE SS.R	195.589(c) (195.588(b)(2);195.452(I)(1)(ii);195.452(j)(5)(iii);195.452(f)(5))	Do the records indicate that the ECDA preassessmen t process complied with NACE SP0502-2010 Section 3?
6.	Unit P asco	NA	AR.EC	6.	AR.EC.ECDAINTEGRAT ION.P	195.452(f)(3) (195.452(g);195.588(b))	Does the process include integrating ECDA results with other information ?
	Unit P asco				ION.R	195.452(I)(1)(ii) (195.452(f)(3);195.452(g);195.588(b))	Do the records indicate that the operator integrated other data/infor mation when evaluating data/result s?
8.	Unit P asco	NA	AR.EC	8.	AR.EC.ECDAREGION.R	195.589(c) (195.588(b)(2)(ii);195.588(b)(3);195.588(b)(5)(ii);195.452(l)(1)(ii);1 95.452(f)(5);195.452(j)(5)(iii);195.588(b)(1))	Do the records indicate that the operator identified ECDA Regions?
9.	Unit P asco	NA	AR.EC	9.	AR.EC.ECDAINDIRECT .R	195.589(c) (195.588(b)(3);195.452(l)(1)(ii);195.452(f)(5);195.452(j)(5)(iii))	Do the records indicate that the ECDA

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
					-		indirect inspection process complied with NACE SP0502- 2010?
100	Unit P asco	NA	AR.EC	0.	AR.EC.ECDADIRECT.R	(195.588(b)(4);195.452(l)(1)(ii);195.452(f)(5);195.452(j)(5)(iii))	Do the records indicate that excavation s, direct examinations, and data collection were performed in accordance with NACE SP0502-2010, Section 5?
11	Unit P asco	NA	AR.EC	1.	AR.EC.ECDADIRECT.O	195.588(b)(4) (195.588(b)(1);195.452(b)(5);195.452(f)(5);)	Were ECDA direct examinatio ns conducted in accordance with the plan?
	Unit P asco	NA	AR.EC		AR.EC.ECDAANALYSIS .R	195.452(I)(1)(ii) (195.452(g);195.452(f)(3);195.452(j)(5)(iii))	Do the records indicate that an analysis of the ECDA data and other information was adequate to identify areas where external corrosion activity is most likely?
	Unit P asco	NA	AR.EC		AR.EC.ECDAPLANMOC .P	195.588(b)(4)(iii) (195.452(f)(4))	Have criteria and internal notification processes been established and implement ed for any changes in

Ro Asset Res Grou st Question **Question ID** Text ult References s р the ECDA plan? 14 Unit P NA 1 AR.EC.ECDAPLANMOC 195.589(c) (195.588(b)(4)(iii);195.452(l)(1)(ii);195.452(f)(4)) Do the . asco records indicate that changes in the ECDA plan have been implement ed and documente d? 15 Unit P NA AR.EC Do the 1 AR.EC.ECDAPOSTASS 195.589(c) (195.588(b)(5);195.452(l)(1)(ii);195.452(f)(4)) 5. ESS.R records . asco indicate that the requiremen ts for post assessmen t were implement ed? 16 Unit P Sat | AR.IA | 1. | AR.IA.METHOD.P 195.452(f)(5) (195.452(j)(5)) Does the . asco process specify assessmen t methods that are appropriate for the pipeline integrity threats? 17 Unit P Sat AR.IA 2. AR.IA.METHOD.R 195.452(l)(1)(ii) (195.452(f)(5);195.452(j)(5)) Do the . asco records indicate that the assessmen t methods shown in the assessmen t plan are appropriate for the pipeline specific integrity threats? 18 Unit P Sat AR.IA 3. AR.IA.ASSESSSCHED Does the 195.452(f)(5) (195.452(j)(3);195.452(j)(5);195.452(e);195.452(g)) . asco ULE.P process for assessmen t include a prioritized schedule in accordance with 195.452 (j) that is based on all the risk factors required by

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							195.452(e)
19	Unit P asco	Sat	AR.IA	4.	AR.IA.ASSESSSCHED ULE.R	195.452(l)(1)(ii) (195.452(b)(5);195.452(c);195.452(d);195.452(f)(5);195.452(j)(3);1 95.452(j)(5))	Do the records indicate that assessmen ts are implement ed as specified in the assessmen
	Unit P asco	Sat	AR.IA	5.	AR.IA.REVIEWQUAL.P	195.452(f)(8) (195.452(g);195.452(h)(2))	t plan? Does the process specify qualification requirements for personnel who review and evaluate integrity assessment results and information analysis?
21	Unit P asco	Sat	AR.IA	6.	AR.IA.REVIEWQUAL.R	195.452(l)(1)(ii) (195.452(f)(8);195.452(g);195.452(h)(2))	Do the records indicate that personnel who review and evaluate integrity assessmen t results and information analysis are qualified?
22	Unit P asco	Sat	AR.IA	7.	AR.IA.STANDARDS.P	195.452(f)(5) (195.452(b)(6))	Does the process incorporate recognized industry practices, or an acceptable alternative method, in performing integrity assessmen ts?
23	Unit P asco	Sat	AR.IA	8.	AR.IA.STANDARDS.R	195.452(l)(1)(ii) (195.452(b)(6))	Do the records indicate that

Ro w	Asset s	Res ult	Sub- Grou p			References	Question Text
							recognized industry practices, or an acceptable alternative method, have been incorporate d in performing integrity assessmen ts?
	Unit P asco	Sat	AR.IL	1.	AR.IL.ILIIMPLPERQUA L.P	195.505(b) (195.452(f)(5))	Does the process identify the qualificatio n requirements for personnel who perform ILI (In Line Inspections)?
	Unit P asco	Sat	AR.IL	2.	AR.IL.ILIIMPLPERQUA L.R	195.507 (195.505(b);195.452(b)(5);195.452(f)(5);195.452(l)(1)(ii))	Do the records indicate that personnel who perform ILI (In Line Inspections) are qualified?
	Unit P asco				AR.IL.ILIREVIEWQUAL .P	195.452(f)(8) (195.452(g))	Does the process specify qualificatio n requirements for personnel who review and evaluate ILI integrity assessment results and information analysis?
	Unit P asco	Sat	AR.IL	4.	AR.IL.ILIREVIEWQUAL .R	195.452(I)(1)(ii) (195.452(f)(8);195.452(g))	Do the records indicate that personnel who review and evaluate ILI

Ro w	Asset s		Sub-	Q	·	References	Question Text
							integrity assessmen t results and information analysis are qualified?
28	Unit P asco	Sat	AR.IL	5.	AR.IL.ILISPECS.P	195.452(f)(5) (195.452(h);195.452(j))	Do the process include adequate ILI specifications?
	Unit P asco			6.	AR.IL.ILIVALIDATE.P	195.452(f)(4) (195.452(b)(6);195.452(h))	Does the process include the validation of ILI results?
30	Unit P asco	Sat	AR.IL	7.	AR.IL.ILIVALIDATE.R	195.452(l)(1)(ii) (195.452(b)(6);195.452(f)(4);195.452(h);195.452(c)(1))	Do the records for validating ILI assessmen t results indicate that the process was implement ed?
31	Unit P asco	Sat	AR.IL	8.	AR.IL.ILIINTEGRATIO N.P	195.452(f)(3) (195.452(g);195.452(h))	Does the process for evaluating ILI results include integration of all available information about the integrity of the pipeline?
32	Unit P asco	Sat	AR.IL	9.	AR.IL.ILIINTEGRATIO N.R	195.452(I)(1)(ii) (195.452(g);195.452(f)(3);195.452(h))	Do the records indicate that the operator integrated other data/infor mation when evaluating ILI tool data/result s?
33	Unit P asco	Sat	AR.IL		AR.IL.ILIIMPLEMENT. O	195.452(b)(5)	Have the ILI procedures

Ro Asset Res Grou st Question **Question ID** Text ult References s р been followed? 34 Unit P NA AR.PT | 1.|AR.PTI.PRESSTESTAC | 195.452(f)(5) (195.304;195.305;195.306;195.308;195.452(j)(5)(ii)) Does the process . asco CEP.P define acceptance criteria for а successful pressure test? 35 Unit P NA AR.PT 2. AR.PTI.PRESSTESTCO 195.452(f)(3) (195.452(g)(3)) Does the RR.P process . asco require that the effectivene ss of the corrosion control program evaluated when using pressure testing as an integrity assessmen t? AR.PT 3. AR.PTI.PRESSTESTRE 195.452(b)(5) (195.452(c)(1)(i)(b);195.452(j)(5)(ii);195.304) 36 Unit P NA Was the SULT.O pressure . asco test conducted lin accordance with the procedures AR.PT 4. AR.PTI.PRESSTESTRE 195.310 (195.452(f)(2);195.452(f)(5);195.452(c);195.452(l)(ii)) 37 Unit P NA Do the . asco SULT.R pressure test records indicate compliance with Part 195, Subpart E? 38 Unit P NA AR.PT | 5. | AR.PTI.PRESSTESTCO | 195.452(I)(ii) (195.452(f)(3);195.452(g)(3)) When . asco RR.R pressure testing was used as the integrity assessmen t method, do the records indicate that the effectivene ss of the corrosion control program was

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							documente d?
39	Unit P asco	NA	AR.OT	1.	AR.OT.OTPLAN.P	195.452(f)(5) (195.452(c)(1)(i)(D);195.452(j)(5)(iv))	If "Other Technologi es" are used, does the process provide an equivalent understanding of the condition of the line pipe?
40	Unit P asco	NA	AR.OT	2.	AR.OT.OTPLAN.R	195.452(J)(5)(iv);195.452(f)(5);195.452(c)(1)(i)(D))	Do the records indicate that the Other Technology integrity assessmen ts were performed in accordance with procedures and vendor recommen dations?
41	Unit P asco	NA	AR.OT	3.	AR.OT.OTPLAN.O	195.452(b)(5)	Has the process for the use of "Other Technology" been followed?
42	Unit P asco	NA	AR.OT	4.	AR.OT.ASSESSMENTR EVIEW.P	195.452(f)(8) (195.452(j)(5))	Does the process specify qualification requirements for personnel who review and evaluate the results of an integrity assessment and information analysis using Other Technology?
43	Unit P asco	NA	AR.OT	5.	AR.OT.ASSESSMENTR EVIEW.R	195.452(I)(1)(ii) (195.452(f)(8);195.452(j)(5))	Do the records pertaining to the selected

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							integrity assessmen ts indicate that personnel who review and evaluate the results of an integrity assessmen t and information analysis using Other Technology are qualified?
44	Unit P asco		AR.RC HCA		AR.RCHCA.DISCOVER Y.P	195.452(f)(4) (195.452(h)(2))	Does the integrity assessmen t process define "discovery of condition" and the required time frame for anomalies in a pipeline segment that can affect an HCA?
45	Unit P asco		AR.RC HCA	2.	AR.RCHCA.IMSCHEDU LE.P	195.452(f)(4) (195.452(h)(3);195.452(h)(4))	Does the process include developing a prioritized schedule for evaluating and remediatin g all identified repair conditions consistent with the repair criteria and within the time frames found in 195.452(h) (4)?

Ro Asset Res Grou st Question **Question ID** Text s ult References р 46 Unit P NA AR.RC 3. AR.RCHCA.DISCOVER | 195.452(I)(1)(ii) (195.452(h)(2);195.452(f)(4)) Do the . asco records indicate that "discov ery of conditionâ€ □ results for all anomalies occurred promptly, but no later than 180 days after the completion of the integrity assessmen t? 47 Unit P Sat AR.RC 4. AR.RCHCA.IMPRC.P 195.452(f)(4) (195.452(h)(1);195.452(h)(4)) Does the . asco **HCA** process include criteria for remedial action to address integrity issues raised by the assessmen t methods and information analysis? 48 Unit P NA AR.RC 5. AR.RCHCA.REMEDIATI 195.452(I)(1)(ii) Do records **HCA** ON.R (195.452(h)(3);195.452(h)(4);195.452(b)(5);195.569) indicate . asco that anomaly remediatio n and documenta tion of remediatio n was performed accordance with the process? 49 Unit P NA AR.RC 6. AR.RCHCA.IMPRC.R 195.452(I)(1)(ii) (195.452(f)(4);195.452(h)(1);195.452(h)(4)) Do records . asco HCA indicate that prompt action was taken to address all anomalous conditions discovered through the integrity

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							assessmen t or information analysis?
50	Unit P asco	NA	AR.RC HCA	7.	AR.RCHCA.REMEDIATI ON.O	195.452(b)(5) (195.402(a);195.402(c)(14);195.422(a);195.569;195.589(c))	From an observation of a remediation or repair at an excavation site, are anomaly remediation activities adequate, performed in accordance
							with the categorized remediatio n/repair schedule, and documente d?
	Unit P asco	Sat	AR.RC HCA	8.	AR.RCHCA.REMEDIATI ON.P	195.452(f)(4) (195.452(h)(1);195.422(b))	Does the process require that remedial actions be performed in a manner that addresses the integrity issues raised by the assessmen t methods used and information analysis?
52	Unit P asco	Sat	AR.RC HCA	9.	AR.RCHCA.PRESSRED UCE.P	195.452(f)(4) (195.428;195.452(h)(1)(i);195.452(h)(1)(ii))	Does the process for pressure reduction meet the code requirements?
53	Unit P asco	NA	AR.RC HCA		AR.RCHCA.PRESSRED UCE.R	195.452(l)(1)(ii) (195.404(a);195.404 (b);195.452(h)(1)(ii);195.452(h)(4)(i);195.55(a);195.56)	Do the integrity assessmen t records indicate that the pressure reduction taken was

Ro w	Asset s		Sub-	Q	•	References	Question Text
							acceptable and promptly implement ed?
	Unit P asco	NA	AR.RC HCA		AR.RCHCA.IMSCHEDU LE.R	195.452(I)(1)(ii) (195.452(h)(3);195.452(h)(4))	Do the records indicate that the operator has met the schedule for remediatin g a condition in accordance with 195.452(h) (4)?
	Unit P asco	Sat	AR.RC HCA		AR.RCHCA.CRACKREM EDIATION.P	195.452(f)(4) (195.452(h))	If the pipeline is susceptible to cracking, does the process include criteria for remedial actions to address integrity issues raised by the assessmen t method?
	Unit P asco	Sat	AR.R MP	1.	AR.RMP.SAFETY.P	195.402(c)(14) (195.422(a);195.452(h)(1))	Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?
57	Unit P asco	Sat	AR.R MP	2.	AR.RMP.SAFETY.O	195.422(a) (195.402(c)(14);195.452(h)(1))	Are repairs made in a safe manner and to prevent injury to persons and/or property damage?

Ro Asset Res Grou st Question **Question ID** Text s ult References р AR.R 3. AR.RMP.METHOD.P Does the 58 Unit P Sat 195.402(c)(3) (195.452(h)(1);195.585) process . asco MP identify permissible repair methods for each type of defect? 59 Unit P Sat AR.R 4. AR.RMP.METHOD.R 195.404(c)(1) From the MP (195.422(a);195.422(b);195.452(h)(1);195.401(b)(1);195.401(b)(2)) review of . asco the results of integrity assessmen t and remediatio n projects, were all repairs performed in accordance with procedures and applicable sections of 49 CFR Part 195? 5. AR.RMP.REPAIRQUAL. 195.505(b) (195.507(a);195.505(c);195.452(h)(1);195.452(b)(5)) 60 Unit P Sat AR.R From the . asco MP R records review of the results of integrity assessmen t and remediatio n projects, were personnel performing repairs, other than welding, qualified for the task they performed? 61 Unit P Sat AR.R 6. AR.RMP.PIPECONDITI | 195.404(c)(1) (195.404(c)(2);195.452(l)(1)(ii)) Do the . asco repair records document all the information needed to understand the conditions of the pipe and its environme nt and also provide the information needed to

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							support the Integrity Manageme nt program, when applicable?
62	Unit P asco	NA	AR.R MP	7.	AR.RMP.REPLACESTD. R	195.404(a)(1) (195.422(b);)	Were all replaced line pipe and/or component s designed and constructe d as required by Part 195?
63	Unit P asco	NA	AR.R MP	8.	AR.RMP.PIPEMOVE.R	195.424(a) (195.424(b);195.424(c))	From a review of selected records, were pipeline movement s performed in accordance with 195.424?
64	Unit P asco	Sat	AR.R MP	9.	AR.RMP.WELDERQUAL	195.214(a) (195.214(b);195.222(a);195.222(b);)	From the review of the results of integrity assessmen t and remediation projects, were repairs requiring welding performed by qualified welders using qualified welding procedures?
65	Unit P asco	NA	AR.R MP	10.	AR.RMP.WELDQUAL.R	195.226(a) (195.226(b);195.226(c);195.230(a);195.230(b);195.230(c);)	From the review of the results of integrity assessmen t and remediatio n projects, were defects on new welds repaired in accordance

Ro w	Asset s		Sub-	Q	Question ID	References	Question Text
			-				with 195.226 or 195.230?
	Unit P asco	Sat	AR.R MP		AR.RMP.WELDINSPEC T.R	195.228(a) (195.228(b);195.234(a);195.234(b);195.234(c);195.234(d);195.234(e);)	From the review of the results of remediatio n projects, were new welds inspected and examined in accordance with 195.228 or 195.234?
	Unit P asco	NA	AR.R MP	1 2.	AR.RCHCA.CRACKREM EDIATION.R	195.452(l)(1)(ii) (195.452(f)(4);195.452(h)(4)(iii)(G))	If the pipeline is susceptible to cracking, do the records indicate that the remedial actions have been documente d?
	Unit P asco	Sat	AR.R MP	1 3.	AR.RMP.CRACKNDE.P	195.452(f)(4) (195.452(h))	Does the process include appropriate NDE method(s) and other information gathering during the evaluation of cracks and cracking?
	Unit P asco	Sat	AR.R MP	1 4.	AR.RMP.CRACKNDE.R	195.452(l)(1)(ii) (195.452(f)(4);195.452(h);195.404(c))	Do the records indicate that appropriate NDE method(s) were used and other information was gathered related to the evaluation of cracking?

Ro Asset Res Grou st Question **Question ID** Text s ult References р Sat | IM.CA | 1. | IM.CA.ASSESSINTERV | 195.452(f)(5) (195.452(e);195.452(g);195.452(j)(3)) 70 Unit P Does the . asco process include all of the risk factors that reflect the conditions on the pipe segment to establish an assessmen t interval? 71 Unit P Sat IM.CA 2. IM.CA.ASSESSINTERV | 195.452(I)(1)(ii) Do the AL.R (195.452(f)(5);195.452(e);195.452(j)(1);195.452(j)(3);195.452(g)) records . asco indicate that the assessmen t intervals are consistent with the risks identified for the pipe segment and the results of previous assessmen ts? 72 Unit P Sat IM.CA 3. IM.CA.ASSESSMETHO 195.452(f)(5) (195.452(j)(5);195.452(g)) Does the . asco D.P process specify assessmen t methods that are appropriate for the specific integrity threats to the pipe segment? 73 Unit P Sat IM.CA 4. IM.CA.ASSESSMETHO 195.452(I)(1)(ii) (195.452(f)(5);195.452(j)(5);195.452(g)) Do the . asco D.R records indicate that selected assessmen t methods are appropriate for the specific integrity threats to the pipe segment? 74 Unit P | Sat | IM.CA | 5. | IM.CA.ASSESSNOTIFY | 195.452(f)(5) (195.452(j)(4);195.452(m)) Does the . asco process include methodolo gy for

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							submitting variance notification s to PHMSA for integrity assessmen t intervals longer than the 5-year maximum assessmen t interval?
75	Unit P asco	NA	IM.CA	6.	IM.CA.ASSESSNOTIFY .R	195.452(I)(1)(ii) (195.452(f)(5);195.452(m);195.452(j)(4))	Do the records indicate that variance notification s been submitted to PHMSA for integrity assessmen t intervals longer than the 5-year maximum assessmen t interval?
76	Unit P asco	Sat	IM.CA	7.	IM.CA.PERIODICEVAL. P	195.452(f)(5) (195.452(e);195.452(j)(1);195.452(j)(2);195.452(g))	Does the process include requirements for performing continual evaluations of pipeline integrity?
77	Unit P asco	Sat	IM.CA		IM.CA.PERIODICEVAL. R	195.452(l)(1)(ii) (195.452(f)(5);195.452(e);195.452(j)(1);195.452(j)(2);195.452(g))	Do records indicate that periodic evaluations of pipeline integrity are being performed and are on a technically justified frequency?
78	Unit P asco	Sat	ІМ.НС	1.	IM.HC.HCALOCATION. P	195.452(f)(1) (195.452(a);195.452(d)(3);195.452(b)(2))	Does the process require the identificati on of HCA-affecting pipe segments include steps to

	lo N	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
								identify, document, and maintain up-to-date geographic locations and boundaries of HCAs using the NPMS and other information sources as necessary?
		Unit P asco	Sat	IM.HC		IM.HC.HCALOCATION. R	195.452(l)(1)(ii) (195.452(f)(1);195.452(a);195.452(b)(2);195.452(d)(3);195.452(j)(1))	Do records indicate that locations and boundaries of HCA-affecting pipe segments are correctly identified and maintained up-to-date?
8		Unit P asco	Sat	IM.HC	3.	IM.HC.HCALOCATION. O	195.452(b)(5) (195.452(a);195.452(b)(2);195.453(f)(1))	Are locations and boundaries of pipe segments that can affect HCAs correctly identified and maintained up-to-date in accordance with the program?
		Unit P asco				IM.HC.HCAIDENT.P	195.452(f)(1) (195.452(a))	Does the process include all locations where pipeline segments directly intersect a high consequen ce area?
{_{_{_{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}	- 1	Unit P asco	NA	тм.нс	5.	IM.HC.HCAIDENT.K		Do re indica

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							that all locations where a pipeline segment is located in an HCA are determined and, if any exceptions for segments that directly intersect an HCA are taken, an adequate technical justification is provided?
83	Unit P asco	Uns at	IM.HC	6.	IM.HC.HCARELEASE.P	195.452(f)(1) (195.452(a))	Does the process include methods to determine the locations and volume of potential commodity releases?
84	Unit P asco	Uns at	ІМ.НС	7.	IM.HC.HCARELEASE.R		Do records indicate that identified release locations and spill volumes are consistent with the documente d process?
	Unit P asco	Uns at	IM.HC	8.	IM.HC.HCAOVERLAND .P	195.452(f)(1) (195.452(a))	Does the process include an analysis of overland spread of hazardous liquids to determine the extent of commodity spread and its effects on HCAs?
	Unit P asco	Uns at	IM.HC	9.	IM.HC.HCAOVERLAND .R	195.452(l)(1)(ii) (195.452(f)(1);195.452(a))	Do records indicate that the

R		Res ult	Sub- Grou p		Question ID	References	Question Text
			•		-		analysis of overland spread is consistent with the documente d process?
8	7 Uni	Jns at	ІМ.НС		IM.HC.HCAH2OTRANS P.P	195.452(f)(1) (195.452(a))	Does the process include the analysis of water transport of hazardous liquids to determine the extent of commodity spread and its effects on HCAs?
8	8 Uni	Sat	ІМ.НС		IM.HC.HCAH2OTRANS P.R	195.452(I)(1)(ii) (195.452(f)(1);195.452(a))	Do records indicate that water transport analysis is consistent with the documente d process?
8	9 Uni	Jns at	ІМ.НС	1 2.	IM.HC.HCAAIRDISP.P	195.452(f)(1) (195.452(a))	Does the process include the analysis of the dispersion of vapors from the release of highly volatile liquids and volatile liquids to determine effects on HCAs?
9	0 Uni	Sat	ІМ.НС	3.		195.452(I)(1)(ii) (195.452(f)(1);195.452(a))	Do the records indicate that the analysis of air dispersion of vapors is consistent with the documente d process?
9	1 Uni	NA	IM.HC	1 4.	IM.HC.HCAINDIRECT. P	195.452(f)(1) (195.452(a))	Does the process include all

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							locations of pipeline segments that do not intersect, but could indirectly affect, an HCA (buffer zone)?
92	Unit P asco	NA	IM.HC	1 5.	IM.HC.HCAINDIRECT. R	195.452(I)(1)(ii) (195.452(f)(1);195.452(a))	Do the records indicate that endpoints of pipeline segments that could affect an HCA have been correctly identified where a buffer zone approach is utilized?
93	Unit P asco	NA	IM.HC	1 6.	IM.HC.HCACAT3.P	195.452(f)(1) (195.452(b)(2))	Does the process require completion of segment identificati on for Category 3 pipelines prior to beginning of operation?
94	Unit P asco	NA	IM.HC	1 7.	IM.HC.HCACAT3.R	195.452(I)(1)(ii) (195.452(f)(1);195.452(b)(2))	Do records indicate completion of segment identificati on for Category 3 pipelines prior to beginning of operation?
95	Unit P asco	Sat	IM.PM	1.	IM.PM.PMMBASIS.P	195.452(f)(6) (195.452(i)(1);195.452(i)(2))	Does the process include a basis for deciding which preventive and mitigative actions are selected and

Ro Asset Res Grou st Question **Question ID** Text ult References s р implement ed? 96 Unit P Sat IM.PM 2. IM.PM.PMMBASIS.R 195.452(l)(1)(ii) (195.452(f)(6);195.452(i)(1);195.452(i)(2)) Do records . asco indicate that the preventive and mitigative decision making process has been applied in accordance with the documente d process? 97 Unit P | Sat | IM.PM | 3. | IM.PM.PMMIMPLEMEN 195.452(b)(5) Have (195.452(i)(1);195.452(i)(2);195.452(i)(3);195.452(i)(4)). asco T.O preventive and mitigative actions been implement ed as described in the records? 98|Unit P|Sat |IM.PM|4.|IM.PM.PMMMITIGATIV |195.452(I)(1)(ii) (195.452(f)(6);195.452(i)(1);195.452(i)(2)) Do the records . asco indicate that mitigative actions have been considered and implement ed? 99 Unit P Sat IM.PM 5. IM.PM.PMMPREVENTIV 195.452(I)(1)(II) (195.452(f)(6);195.452(I)(1);195.452(I)(2)) Do the records . asco indicate that preventive actions have been considered and implement ed? 10 Unit P Sat IM.PM 6. IM.PM.PMMRISK.P 195.452(f)(6) (195.452(i)(1);195.452(i)(2)) Does the process 0. asco include evaluation of the effects of additional actions to enhance public safety or environme ntal protection by

Ro w	Asset s	Res ult	Sub- Grou p	Q st #	Question ID	References	Question Text
							reducing the likelihood and consequen ces of releases from pipeline segments?
	Unit P asco	Sat	IM.PM	7.	IM.PM.PMMRISK.R	195.452(l)(1)(ii) (195.452(f)(6);195.452(i)(1);195.452(i)(2))	Do records indicate the evaluation of the effects of additional actions to enhance public safety or environme ntal protection by reducing the likelihood and consequen ces of releases from pipeline segments?
2.	asco				L.P	195.452(f)(6) (195.452(i)(3))	Does the process include evaluation of leak detection capabilities and modifying, as necessary, to protect the high consequen ce area?
3.	Unit P asco	Sat	IM.PM	9.	IM.PM.IMLEAKDETEVA L.R	195.452(I)(1)(ii) (195.452(f)(6);195.452(i)(3))	Do the records indicate that all required and other relevant leak detection evaluation factors have been evaluated to ensure the

Ro w	Asset s	Res ult	Sub- Grou p			References	Question Text
							protection of HCAs?
	Unit P asco	Sat	IM.PM	10.	IM.PM.PMMEFRD.P	195.452(f)(6) (195.452(i)(4))	Does the process include the determinat on that an EFRD is needed on a pipeline segment to protect a high consequen ce area in the event of a hazardous liquid pipeline release?
	Unit P asco	Sat	IM.PM	1	IM.PM.PMMEFRD.R	195.452(I)(1)(ii) (195.452(f)(6);195.452(i)(4))	Do the records indicate that all required and other relevant EFRD evaluation factors were evaluated and any actions that have been taken are appropriate?
10 6.	Unit P asco	Sat	IM.QA	1.	IM.QA.IMPERFEFECTI VE.P	195.452(f)(7) (195.452(k))	Does the process for evaluating IM program effectivene ss include the elements necessary to conduct a meaningful evaluation?
	Unit P asco	Sat	IM.QA	2.	IM.QA.IMPERFEFECTI VE.R	195.452(I)(1)(ii) (195.452(f)(7);195.452(k))	Do the records indicate the methods to measure program effectivene ss provide effective evaluation

Ro w	Asset s	Res ult	Sub- Grou p			References	Question Text
							of program performanc e and result in program improveme nts where necessary?
		Uns at	IM.QA	3.	IM.QA.IMPERFMETRIC	195.452(f)(7) (195.452(k))	Does the process to evaluate IM program effectivene ss include an adequate set of performanc e metrics to provide meaningful insight into IM program performanc e?
		Uns at	IM.QA	4.	IM.QA.IMPERFMETRIC	195.452(I)(1)(ii) (195.452(f)(7);195.452(k))	Do the records indicate that performanc e metrics are providing meaningful insight into integrity manageme nt program performanc e?
	Unit P asco	Sat	IM.QA	5.	IM.QA.RECORDS.P		Does the process ensure that the records required for the integrity manageme nt program are maintained?
	Unit P asco	Sat	IM.QA	6.	IM.QA.RECORDS.R		Do the records indicate that the operator documente d decisions, analysis, and actions taken to

P.o.	Asset	Pos	Sub-		·	, , , , , , , , , , , , , , , , , , , ,	Question
W	S	ult	p	#	Question ID	References	Text
							implement and evaluate each key integrity manageme nt program activity?
	Unit P asco	Sat	IM.RA	1.	IM.RA.RADATA.O	195.452(b)(5) (195.452(f)(3))	Are field conditions on the pipeline segments accurately reflected in the appropriate risk assessmen t data and information?
	Unit P asco	Sat	IM.RA	2.	IM.RA.RADATA.P	195.452(f)(3) (195.452(g);195.452(j))	Does the process include an analysis and integration of all available information about the integrity of the entire pipeline and the consequen ces of a failure?
	Unit P asco	Sat	IM.RA	3.	IM.RA.RADATA.R	195.452(I)(1)(ii) (195.452(f)(3);195.452(g);195.452(j))	Do the records indicate that all available information has been integrated into the risk analysis?
	Unit P asco	Sat	IM.RA	4.	IM.RA.RAMETHOD.P	195.452(f)(3) (195.452(g);195.452(j))	Does the process include methodolo gy for evaluating risk to HCAs and the integration of all relevant risk factors and all available

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
			-				information when evaluating pipeline segments?
	Unit P asco	Sat			IM.RA.RARESULTS.R	195.452(I)(1)(ii) (195.452(f)(3);195.452(g);195.452(j))	Do the records indicate that the results of the risk analysis process are useful for drawing conclusions and insights for decision making?
	Unit P asco	NA	IM.RA	6.	IM.RA.RASEGMENT.P	195.452(f)(3) (195.452(g);195.452(j))	Does the risk analysis process consider and incorporate the variation in risk factors along the pipeline such that segment-specific risk results and insights are obtained?
	Unit P asco	Sat	IM.RA	7.	IM.RA.RAMETHOD.R	195.452(l)(1)(ii) (195.452(f)(3);195.452(g);195.452(e))	Do the records indicate the evaluation of the methodolo gy(ies) used for evaluating risks to HCAs and the integration of all relevant risk factors and all available information when evaluating pipeline segments?

Ro Asset Res Grou st Question **Ouestion ID** References Text s ult р 11 Unit P Uns IM.FA 1. IM.FACIL.FACILIDENT. Does the 9. asco program include a written process for identificati on of facilities that could affect an HCA? 12 Unit P Sat IM.FA 2. IM.FACIL.FACILIDENT. 195.452(I)(1)(I) (I) (195.452(b)(2);195.452(d)(3)) Do the 0. asco CIL records indicate that locations and boundaries of HCAaffecting facilities are correctly identified and maintained up-todate? 12 Unit P Uns | IM.FA | 3. | IM.FACIL.RISKANAL.P | 195.452(f)(3) (195.452(g);195.452(j)) Does the 1. asco CIL process include approaches to identify and evaluate the risks of facilities that can affect HCAs? 12 Unit P Sat IM.FA 4. IM.FACIL.RISKANAL.R 195.452(I)(1)(II) (195.452(f)(3);195.452(g);195.452(j)) Do the 2. asco CIL records indicate that the analysis of risk of facilities has been performed required? 12 Unit P Sat IM.FA 5. IM.FACIL.RELEASE.P 195.452(f)(1) (195.452(l)(1)(i)) Does the 3. asco CIL process include methods to determine the facility locations/s cenarios and worst case volume of potential commodity releases?

Ro Asset Res Grou st Question **Question ID** References Text s ult р 12 Unit P Sat IM.FA 6. IM.FACIL.RELEASE.R Do the 195.452(I)(1)(ii) 4. asco records indicate that identified release locations and spill volumes at facilities are consistent with the program requiremen ts? 12 Unit P Sat IM.FA 7. IM.FACIL.SPREAD.P Does the 195.452(f)(1) (195.452(l)(1)(i)) 5. asco CIL process include an analysis of overland spread & water transport of hazardous liquids to determine the extent of commodity spread from the facility and its effects on HCAs? 12 Unit P Sat IM.FA 8. IM.FACIL.SPREAD.R Do the 195.452(I)(1)(ii) 6. asco CIL records indicate the analysis of overland spread & water transport is consistent with the program/pr ocess requiremen ts? 12 Unit P Sat IM.FA 9. IM.FACIL.AIRDISP.P Where the 195.452(f)(1) (195.452(l)(1)(i)) 7. asco CIL facility handles HVLs or Volatile Liquids, does the process include an analysis of the air dispersion of vapors released

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
			-				from the facility to determine effects on HCAs?
	Unit P asco	NA	IM.FA CIL	1 0.	IM.FACIL.AIRDISP.R	195.452(I)(1)(ii)	Where the facility handles HVLs or Volatile Liquids, do the records indicate that the analysis of air dispersion of vapors from the facility is consistent with the process requiremen
	Unit P asco	Sat	IM.FA CIL	1	IM.FACIL.PERIODEVAL .P	195.452(f)(5) (195.452(g);195.452(j)(1);195.452(j)(2))	ts? Does the process include requirements for performing continual evaluations of facility integrity?
	Unit P asco	Sat	IM.FA CIL	1 2.	IM.FACIL.PERIODEVAL .R	195.452(l)(1)(ii) (195.452(j)(2))	Do the records indicate that periodic evaluations of integrity at facilities affecting HCAs have been performed?
	Unit P asco	Sat	IM.FA CIL		IM.FACIL.PMMPREVEN TIVE.P	195.452(f)(6) (195.452(i))	Does the process include requiremen ts for identificati on of facility preventive measures to protect the HCAs?
	Unit P asco	Sat	IM.FA CIL		IM.FACIL.PMMPREVEN TIVE.R	195.452(I)(1)(ii) (195.452(i)(1))	Do the records indicate that facility preventive measures

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							to protect the HCAs have been considered and implement ed?
	Unit P asco	Sat	IM.FA CIL		IM.FACIL.PMMMITIGA TIVE.P	195.452(f)(6) (195.452(i))	Does the process include requirements for identification and implement ation of facility mitigative measures to protect the HCAs?
	Unit P asco	Sat	IM.FA CIL		IM.FACIL.PMMMITIGA TIVE.R	195.452(I)(1)(ii) (195.452(i)(1))	Do the records indicate that facility mitigative measures to protect the HCAs have been considered and implement ed?
	Unit P asco	Sat	IM.FA CIL		IM.FACIL.PMMIMPLEM ENT.O	195.452(i)(1)	Does an on-site observation provide indications that facility preventive & mitigative measures to protect the HCAs were implement ed as proposed?
13 6.	Unit P asco	NA	MO.L S	14.	MO.LS.ECONBURDEN.	195.12(d) (195.12(b);195.452(m))	Where applicable, does the process include reporting of 195.12(d) "econo mic compliance burdenâ€□ in accordance with

Ro w	Asset s	Res ult	Sub- Grou p		Question ID	References	Question Text
							195.452(m)?
	Unit P asco	NA	MO.L S	1 5.		. 195.12(f)(2) (195.12(b);195.12(m))	Where applicable, do the records indicate reporting of
							195.12(d) "econo mic compliance burdenâ€□ in
							accordance with 195.452(m)?
	Unit P asco	Sat	RPT.NR	3.	RPT.NR.NOTIFYIMP.P	195.452(f)(5) (195.452(j)(4);195.452(h)(1);195.452(m))	Does the process include a requirement for submitting an IMP notification for each of the following circumstan ces: A) Unable to Meet Remediation Deadlines, B) Pressure Reductions, C) Use of Other Technology, D) Variance from Five-Year Assessment Intervals (Unavailable e Technology), E) Variance from Five-Year Assessment Intervals (Unavailable e Technology), E) Variance from Five-Year Assessment Intervals (Engineerin
	Unit P	NA		4.	RPT.NR.NOTIFYIMP.R	195.452(I)(1)(ii)	g Basis)?
9.	asco		R			(195.452(m);195.452(j)(4);195.452(h)(1);195.452(c)(1))	records indicate that the operator

Ro w	Asset s	Res ult	Sub- Grou p	Question ID	References	Question Text
						submitted IMP notification (s) for any of the following circumstan ces, when it was necessary to do so: A) Unable to Meet Remediatio n Deadlines, B) Pressure Reductions, C) Use of Other Technology, D) Variance from Five-Year Assessmen t Intervals (Unavailable e Technology), E) Variance from Five-Year Assessmen t Intervals (Engineerin g Basis)?
	Unit P asco	Sat	RPT.R R	RPT.RR.ANNUALREPO RTIMINSPECT.R	195.49	Do the records indicate that the Annual Report Part F Data is complete and accurate?
	Unit P asco	Sat	RPT.R R	RPT.RR.ANNUALREPO RTIMASSESS.R	195.49	Is Annual Report Part G data complete and accurate?

Report Parameters: All non-empty Results

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Tidewater IMP Page 35 of 35